

LH



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/089,127A

DATE: 12/04/2002

TIME: 12:24:39

Input Set : A:\pf0571usn_seqlist.txt

Output Set: N:\CRF4\12032002\J089127A.raw

ENTERED

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1 <110> APPLICANT: HILLMAN, Jennifer L.
2   YUE, Henry
3   LAL, Preeti
4   TANG, Y. Tom
5   GORGONE, Gina A.
6   GUEGLER, Karl J.
7   CORLEY, Neil C.
8   BAUGHN, Mariah R.
10 <120> TITLE OF INVENTION: Human Receptor Associated Protein
12 <130> FILE REFERENCE: PF-0571 USN
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/089,127A
C--> 15 <141> CURRENT FILING DATE: 2002-09-10
17 <150> PRIOR APPLICATION NUMBER: PCT/US99/17777
18 <151> PRIOR FILING DATE: 1999-08-06
20 <150> PRIOR APPLICATION NUMBER: 60/098,703
21 <151> PRIOR FILING DATE: 1998-09-01
23 <150> PRIOR APPLICATION NUMBER: 60/160,065
24 <151> PRIOR FILING DATE: 1998-08-07
26 <160> NUMBER OF SEQ ID NOS: 32
27 <170> SOFTWARE: PERL Program
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 345
31 <212> TYPE: PRT
32 <213> ORGANISM: Homo sapiens
34 <220> FEATURE:
35 <221> NAME/KEY: misc feature
36 <223> OTHER INFORMATION: Incyte ID No: 1877651CD1
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42               20               25               30
43 Asn Ser Ala Met Asp Thr Arg Val Leu Cys Cys Ala Val Ile Cys
44               35               40               45
45 Leu Leu Gly Ala Gly Leu Ser Asn Ala Gly Val Met Gln Asn Pro
46               50               55               60
47 Arg His Leu Val Arg Arg Arg Gly Gln Glu Ala Arg Leu Arg Cys
48               65               70               75
49 Ser Pro Met Lys Gly His Ser His Val Tyr Trp Tyr Arg Gln Leu
50               80               85               90
51 Pro Glu Glu Gly Leu Lys Phe Met Val Tyr Leu Gln Lys Glu Asn
52               95              100              105
53 Ile Ile Asp Glu Ser Gly Met Pro Lys Glu Arg Phe Ser Ala Glu

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54          110          115          120
55 Phe Pro Lys Glu Gly Pro Ser Ile Leu Arg Ile Gln Gln Val Val
56          125          130          135
57 Arg Gly Asp Ser Ala Ala Tyr Phe Cys Ala Ser Ser Pro His Ser
58          140          145          150
59 Lys Gln Ala Glu Gln Phe Phe Gly Pro Gly Thr Arg Leu Thr Val
60          155          160          165
61 Leu Glu Asp Leu Lys Asn Val Phe Pro Pro Glu Val Ala Val Phe
62          170          175          180
63 Glu Pro Ser Glu Ala Glu Ile Ser His Thr Gln Lys Ala Thr Leu
64          185          190          195
65 Val Cys Leu Ala Thr Gly Phe Tyr Pro Asp His Val Glu Leu Ser
66          200          205          210
67 Trp Trp Val Asn Gly Lys Glu Val His Ser Gly Val Ser Thr Asp
68          215          220          225
69 Pro Gln Pro Leu Lys Glu Gln Pro Ala Leu Asn Asp Ser Arg Tyr
70          230          235          240
71 Cys Leu Ser Ser Arg Leu Arg Val Ser Ala Thr Phe Trp Gln Asn
72          245          250          255
73 Pro Arg Asn His Phe Arg Cys Gln Val Gln Phe Tyr Gly Leu Ser
74          260          265          270
75 Glu Asn Asp Glu Trp Thr Gln Asp Arg Ala Lys Pro Val Thr Gln
76          275          280          285
77 Ile Val Ser Ala Glu Ala Trp Gly Arg Ala Asp Cys Gly Phe Thr
78          290          295          300
79 Ser Glu Ser Tyr Gln Gln Gly Val Leu Ser Ala Thr Ile Leu Tyr
80          305          310          315
81 Glu Ile Leu Leu Gly Lys Ala Thr Leu Tyr Ala Val Leu Val Ser
82          320          325          330
83 Ala Leu Val Leu Met Ala Met Val Lys Arg Lys Asp Ser Arg Gly
84          335          340          345
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88 <211> LENGTH: 487
89 <212> TYPE: PRT
90 <213> ORGANISM: Homo sapiens
92 <220> FEATURE:
93 <221> NAME/KEY: misc_feature
94 <223> OTHER INFORMATION: Incyte ID No: 2906971CD1
96 <400> SEQUENCE: 2
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99 Ala Gly Val Leu Gln Ser Gly Phe Gln Glu Leu Ser Leu Asn Lys
100          20          25          30
101 Leu Ala Thr Ser Leu Gly Ala Ser Glu Gln Ala Leu Arg Leu Ile
102          35          40          45
103 Ile Ser Ile Phe Leu Gly Tyr Pro Phe Ala Leu Phe Tyr Arg His
104          50          55          60
105 Tyr Leu Phe Tyr Lys Glu Thr Tyr Leu Ile His Leu Phe His Thr
106          65          70          75

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107	Phe	Thr	Gly	Leu	Ser	Ile	Ala	Tyr	Phe	Asn	Phe	Gly	Asn	Gln	Leu
108					80					85					90
109	Tyr	His	Ser	Leu	Leu	Cys	Ile	Val	Leu	Gln	Phe	Leu	Ile	Leu	Arg
110					95					100					105
111	Leu	Met	Gly	Arg	Thr	Ile	Thr	Ala	Val	Leu	Thr	Thr	Phe	Cys	Phe
112					110					115					120
113	Gln	Met	Ala	Tyr	Leu	Leu	Ala	Gly	Tyr	Tyr	Thr	Ala	Thr	Gly	
114					125					130					135
115	Asn	Tyr	Asp	Ile	Lys	Trp	Thr	Met	Pro	His	Cys	Val	Leu	Thr	Leu
116					140					145					150
117	Lys	Leu	Ile	Gly	Leu	Ala	Val	Asp	Tyr	Phe	Asp	Gly	Gly	Lys	Asp
118					155					160					165
119	Gln	Asn	Ser	Leu	Ser	Ser	Glu	Gln	Gln	Lys	Tyr	Ala	Ile	Arg	Gly
120					170					175					180
121	Val	Pro	Ser	Leu	Leu	Glu	Val	Ala	Gly	Phe	Ser	Tyr	Phe	Tyr	Gly
122					185					190					195
123	Ala	Phe	Leu	Val	Gly	Pro	Gln	Phe	Ser	Met	Asn	His	Tyr	Met	Lys
124					200					205					210
125	Leu	Val	Gln	Gly	Glu	Leu	Ile	Asp	Ile	Pro	Gly	Lys	Ile	Pro	Asn
126					215					220					225
127	Ser	Ile	Ile	Pro	Ala	Leu	Lys	Arg	Leu	Ser	Leu	Gly	Leu	Phe	Tyr
128					230					235					240
129	Leu	Val	Gly	Tyr	Thr	Leu	Leu	Ser	Pro	His	Ile	Thr	Glu	Asp	Tyr
130					245					250					255
131	Leu	Leu	Thr	Glu	Asp	Tyr	Asp	Asn	His	Pro	Phe	Trp	Phe	Arg	Cys
132					260					265					270
133	Met	Tyr	Met	Leu	Ile	Trp	Gly	Lys	Phe	Val	Leu	Tyr	Lys	Tyr	Val
134					275					280					285
135	Thr	Cys	Trp	Leu	Val	Thr	Glu	Gly	Val	Cys	Ile	Leu	Thr	Gly	Leu
136					290					295					300
137	Gly	Phe	Asn	Gly	Phe	Glu	Glu	Lys	Gly	Lys	Ala	Lys	Trp	Asp	Ala
138					305					310					315
139	Cys	Ala	Asn	Met	Lys	Val	Trp	Leu	Phe	Glu	Thr	Asn	Pro	Arg	Phe
140					320					325					330
141	Thr	Gly	Thr	Ile	Ala	Ser	Phe	Asn	Ile	Asn	Thr	Asn	Ala	Trp	Val
142					335					340					345
143	Ala	Arg	Tyr	Ile	Phe	Lys	Arg	Leu	Lys	Phe	Leu	Gly	Asn	Lys	Glu
144					350					355					360
145	Leu	Ser	Gln	Gly	Leu	Ser	Leu	Leu	Phe	Leu	Ala	Leu	Trp	His	Gly
146					365					370					375
147	Leu	His	Ser	Gly	Tyr	Leu	Val	Cys	Phe	Gln	Met	Glu	Phe	Leu	Ile
148					380					385					390
149	Val	Ile	Val	Glu	Arg	Gln	Ala	Ala	Arg	Leu	Ile	Gln	Glu	Ser	Pro
150					395					400					405
151	Thr	Leu	Ser	Lys	Leu	Ala	Ala	Ile	Thr	Val	Leu	Gln	Pro	Phe	Tyr
152					410					415					420
153	Tyr	Leu	Val	Gln	Gln	Thr	Ile	His	Trp	Leu	Phe	Met	Gly	Tyr	Ser
154					425					430					435
155	Met	Thr	Ala	Phe	Cys	Leu	Phe	Thr	Trp	Asp	Lys	Trp	Leu	Lys	Val

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156          440          445          450
157 Tyr Lys Ser Ile Tyr Phe Leu Gly His Ile Phe Phe Leu Ser Leu
158          455          460          465
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162          485
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165 <211> LENGTH: 312
166 <212> TYPE: PRT
167 <213> ORGANISM: Homo sapiens
169 <220> FEATURE:
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171 <223> OTHER INFORMATION: Incyte ID No: 2907954CD1
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177 20 25 30
178 Ile Ile Glu Lys Arg Gln Ser Val Ala Phe Trp Cys Asn Pro Ile
179 35 40 45
180 Ser Gly His Ala Thr Leu Tyr Trp Tyr Gln Gln Ile Leu Gly Gln
181 50 55 60
182 Gly Pro Lys Leu Leu Ile Gln Phe Gln Asn Asn Gly Val Val Asp
183 65 70 75
184 Asp Ser Gln Leu Pro Lys Asp Arg Phe Ser Ala Glu Arg Leu Lys
185 80 85 90
186 Gly Val Asp Ser Thr Leu Lys Ile Gln Pro Ala Lys Leu Glu Asp
187 95 100 105
188 Ser Ala Val Tyr Leu Cys Ala Ser Ser Phe Leu Asp Arg Asn Asn
189 110 115 120
190 Glu Gln Phe Phe Gly Pro Gly Thr Arg Leu Thr Val Leu Glu Asp
191 125 130 135
192 Leu Lys Asn Val Phe Pro Pro Glu Val Ala Val Phe Glu Pro Ser
193 140 145 150
194 Glu Ala Glu Ile Ser His Thr Gln Lys Ala Thr Leu Val Cys Leu
195 155 160 165
196 Ala Thr Gly Phe Tyr Pro Asp His Val Glu Leu Ser Trp Trp Val
197 170 175 180
198 Asn Gly Lys Glu Val His Ser Gly Val Ser Thr Asp Pro Gln Pro
199 185 190 195
200 Leu Lys Glu Gln Pro Ala Leu Asn Asp Ser Arg Tyr Cys Leu Ser
201 200 205 210
202 Ser Arg Leu Arg Val Ser Ala Thr Phe Trp Gln Asn Pro Arg Asn
203 215 220 225
204 His Phe Arg Cys Gln Val Gln Phe Tyr Gly Leu Ser Glu Asn Asp
205 230 235 240
206 Glu Trp Thr Gln Asp Arg Ala Lys Pro Val Thr Gln Ile Val Ser
207 245 250 255

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208 Ala Glu Ala Trp Gly Arg Ala Asp Cys Gly Phe Thr Ser Glu Ser
209                260                265                270
210 Tyr Gln Gln Gly Val Leu Ser Ala Thr Ile Leu Tyr Glu Ile Leu
211                275                280                285
212 Leu Gly Lys Ala Thr Leu Tyr Ala Val Leu Val Ser Ala Leu Val
213                290                295                300
214 Leu Met Ala Met Val Lys Arg Lys Asp Ser Arg Gly
215                305                310
217 <210> SEQ ID NO: 4
218 <211> LENGTH: 309
219 <212> TYPE: PRT
220 <213> ORGANISM: Homo sapiens
222 <220> FEATURE:
223 <221> NAME/KEY: misc_feature
224 <223> OTHER INFORMATION: Incyte ID No: 3083742CD1
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228 1                5                10                15
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230                20                25                30
231 Leu Val Leu Gly Leu Leu Leu Asn Ser Leu Ala Leu Trp Val Phe
232                35                40                45
233 Cys Cys Arg Met Gln Gln Trp Thr Glu Thr Arg Ile Tyr Met Thr
234                50                55                60
235 Asn Leu Ala Val Ala Asp Leu Cys Leu Leu Cys Thr Leu Pro Phe
236                65                70                75
237 Val Leu His Ser Leu Arg Asp Thr Ser Asp Thr Pro Leu Cys Gln
238                80                85                90
239 Leu Ser Gln Gly Ile Tyr Leu Thr Asn Arg Tyr Met Ser Ile Ser
240                95                100               105
241 Leu Val Thr Ala Ile Ala Val Asp Arg Tyr Val Ala Val Arg His
242                110               115               120
243 Pro Leu Arg Ala Arg Gly Leu Arg Ser Pro Arg Gln Ala Ala Ala
244                125               130               135
245 Val Cys Ala Val Leu Trp Val Leu Val Ile Gly Ser Leu Val Ala
246                140               145               150
247 Arg Trp Leu Leu Gly Ile Gln Glu Gly Gly Phe Cys Phe Arg Ser
248                155               160               165
249 Thr Arg His Asn Phe Asn Ser Met Ala Phe Pro Leu Leu Gly Phe
250                170               175               180
251 Tyr Leu Pro Leu Ala Val Val Val Phe Cys Ser Leu Lys Val Val
252                185               190               195
253 Thr Ala Leu Ala Gln Arg Pro Pro Thr Asp Val Gly Gln Ala Glu
254                200               205               210
255 Ala Thr Arg Lys Ala Ala Arg Met Val Trp Ala Asn Leu Leu Val
256                215               220               225
257 Phe Val Val Cys Phe Leu Pro Leu His Val Gly Leu Thr Val Arg
258                230               235               240
259 Leu Ala Val Gly Trp Asn Ala Cys Ala Leu Leu Glu Thr Ile Arg

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/089,127A

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Input Set : A:\pf0571usn_seqlist.txt

Output Set: N:\CRF4\12032002\J089127A.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date